

東都化成株式会社
Tohto Kasei Co., Ltd.

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Major Products

Flame-retardant

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The YDB series, YPB series and TB series are all highly brominated resins structured around a TBA. They are extensively used as flame-retarding agents in engineering plastics, styrene and many other thermoplastic resins. Excellent in formability, fluidity and mixing performance, they feature superb light and heat resistance as compounds.

Epoxy

Products	Weight-average molecular weight (Mw)	Softening point (°C)	Bromine content (%)	Features and applications
YDB-406	1,200 - 1,400	95 - 105	50 - 52	ABS, HIPS
YDB-408	1,400 - 1,600	105 - 115	50 - 52	ABS, HIPS
YDB-410	1,800 - 2,200	121 - 131	50 - 53	ABS, PBT
YDB-412	3,500 - 4,500	125 - 140	51 - 53	ABS, PBT
YDB-420H	6,500 - 7,500	150 - 170	51 - 53	PBT, PET

Phenoxy

Products	Weight-average molecular weight (Mw)	Softening point (°C)	Bromine content (%)	Features and applications
YPB-43C	60,000 <	> 200	52 - 54	ABS, HIPS, engineering plastic
YPB-43M	60,000 <	> 200	52 - 54	PET, PA-66, PC

Modofide Product

Products	Weight-average molecular weight (Mw)	Softening point (°C)	Bromine content (%)	Features and applications
TB-60	1,200 - 1,600	95 - 105	57 - 60	HIPS, ABS, PP, laminating
TB-62	1,800 - 2,300	111 - 120	57 - 60	HIPS, ABS, PP, laminating
YDB-416	3,500 - 2,000	105 - 115	54 - 56	ABS, HIPS, PBT
YDB-474	1,800 - 2,300	105 - 115	48 - 52	ABS, PBT, PET
YDB-474A	1,600 - 1,800	95 - 105	48 - 52	HIPS

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